**Digestive System Activity**

**(30 Points)**

**Due 9/3**

Role: Work with a team of experts to design a **theme park** based on the human digestive system.

Task: Educate the visitors of your park about the following topics:

1. Explain why digestion of large food particles is essential.
2. Explain the need for enzymes in digestion
3. State the source, substrate, products and optimum pH conditions for one amylase, one protease, and one lipase.
4. A complete diagram of the digestive system (diagram should show mouth, esophagus, stomach, sm intestine, lrg intestine, anus, liver, pancreas, and gall bladder.
5. Outline the function of the stomach, small intestine, and large intestine.
6. Distinguish between absorption and assimilation.
7. Explain how the structure of the villus is related to its role in absorption and transport of the products of digestion.

Product: Your team can create a prezi, ppt, diagram, computer model, etc…

Evaluation: you will be evaluated on accuracy, completeness, neatness and organization.

Timeline: you will have two class periods to complete this assignment.

Resources: Textbook, Digestive system PPT, legitimate internet sources (click 4 bioloy, biology corner, etc…)